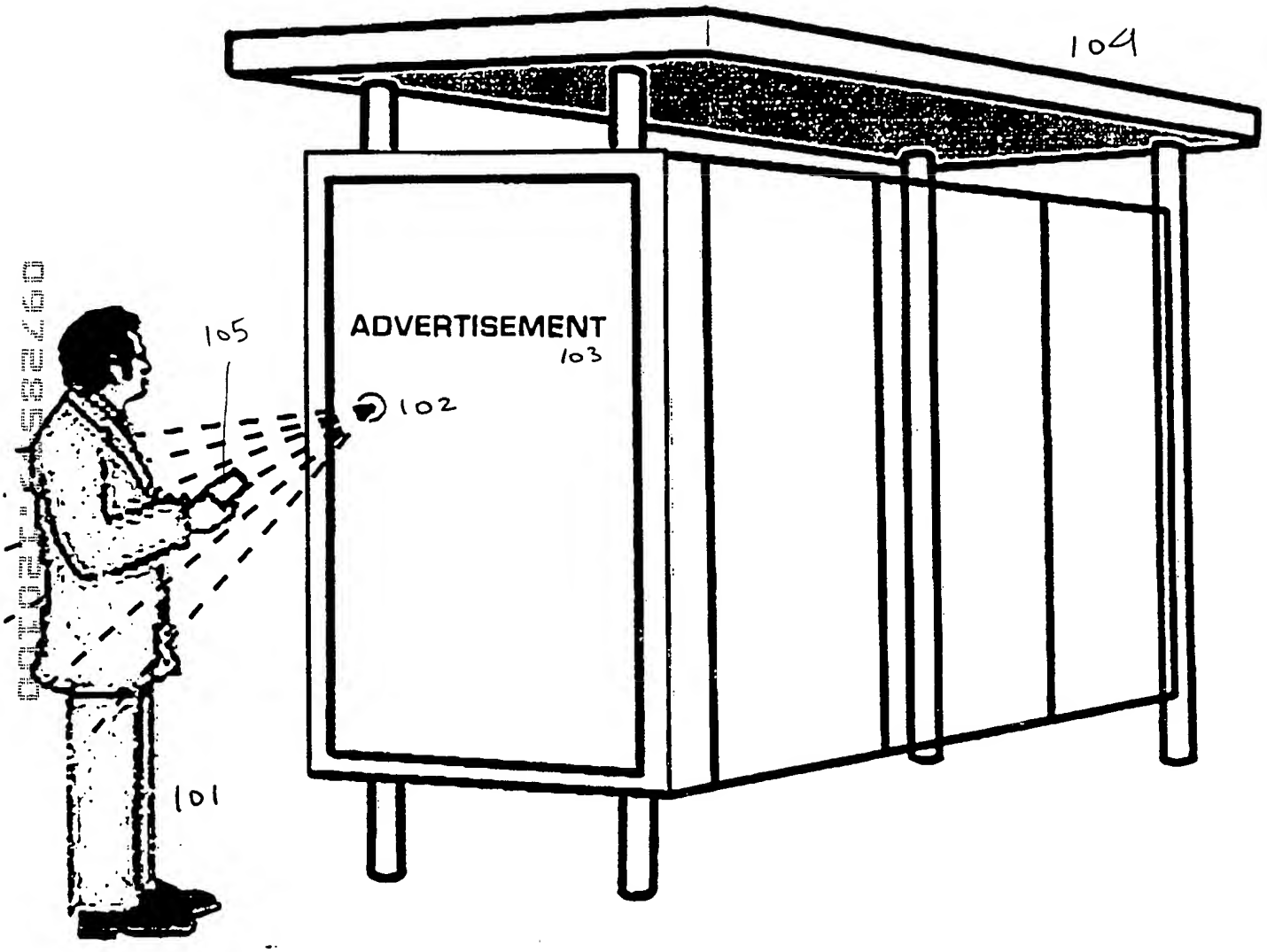


FIG. 1

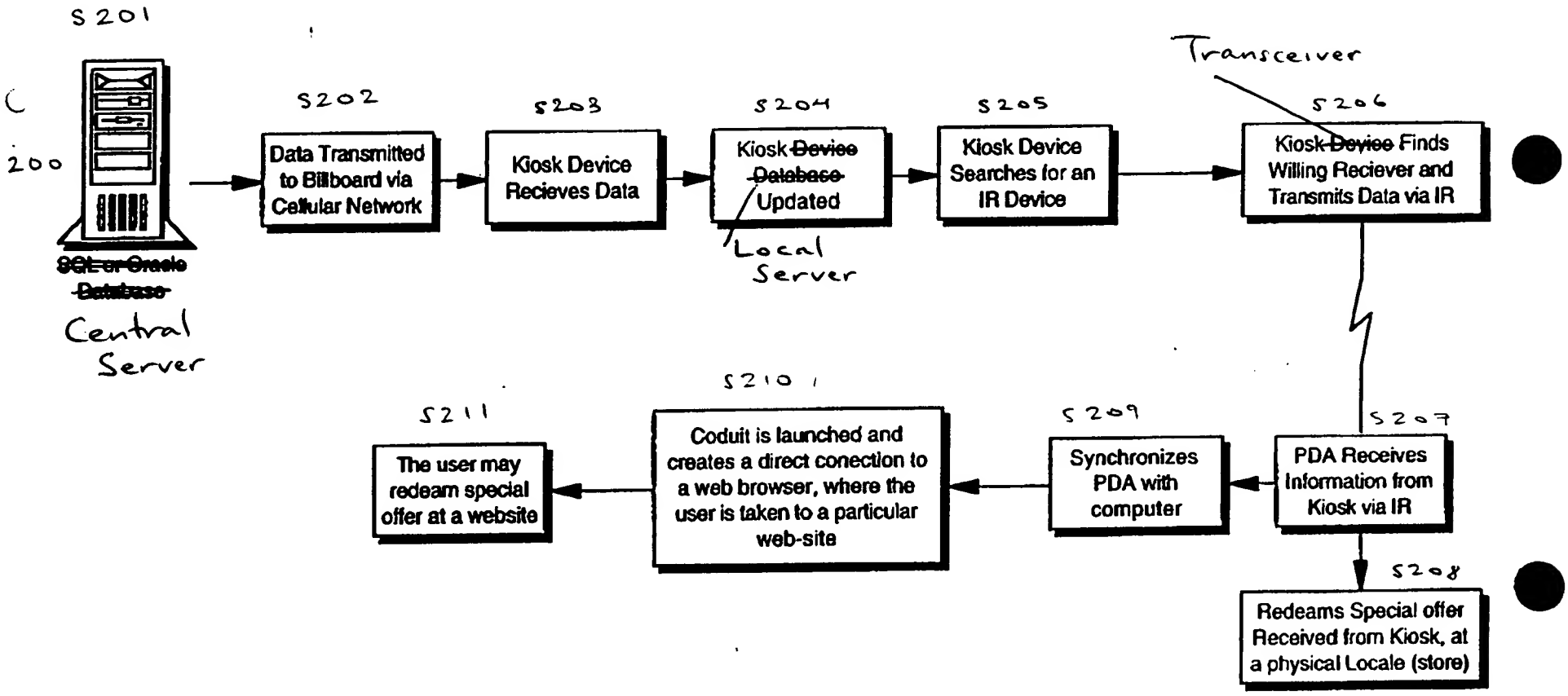


FIG. 2

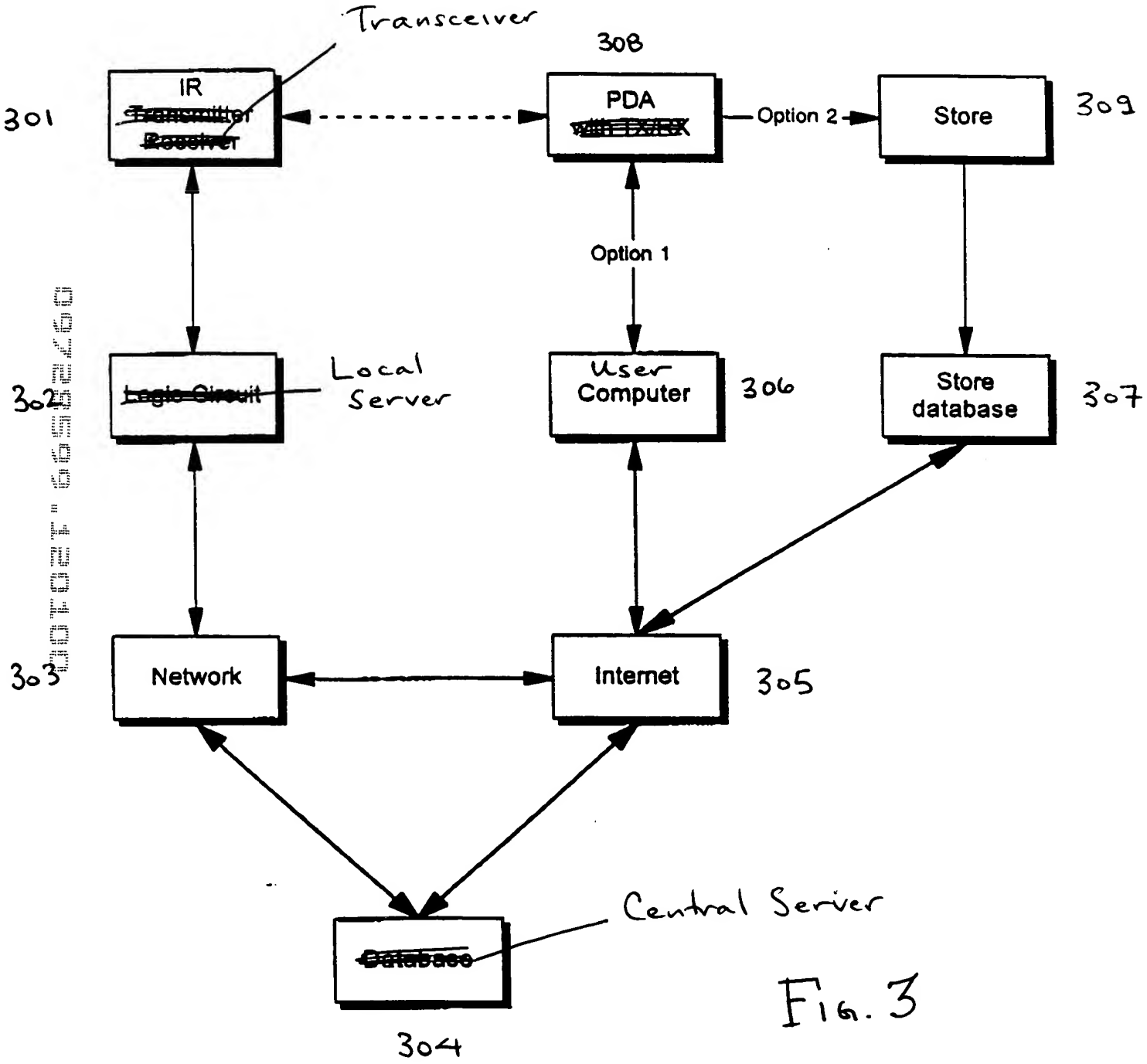

Transceiver
308
IR
Transmitter
Receiver
301
PDA
with Extra
Option 2
Store
309
Option 1
Logic Circuit
Local Server
302
User Computer
306
Store database
307
Network
303
Internet
305
Database
Central Server
304

Fig. 3

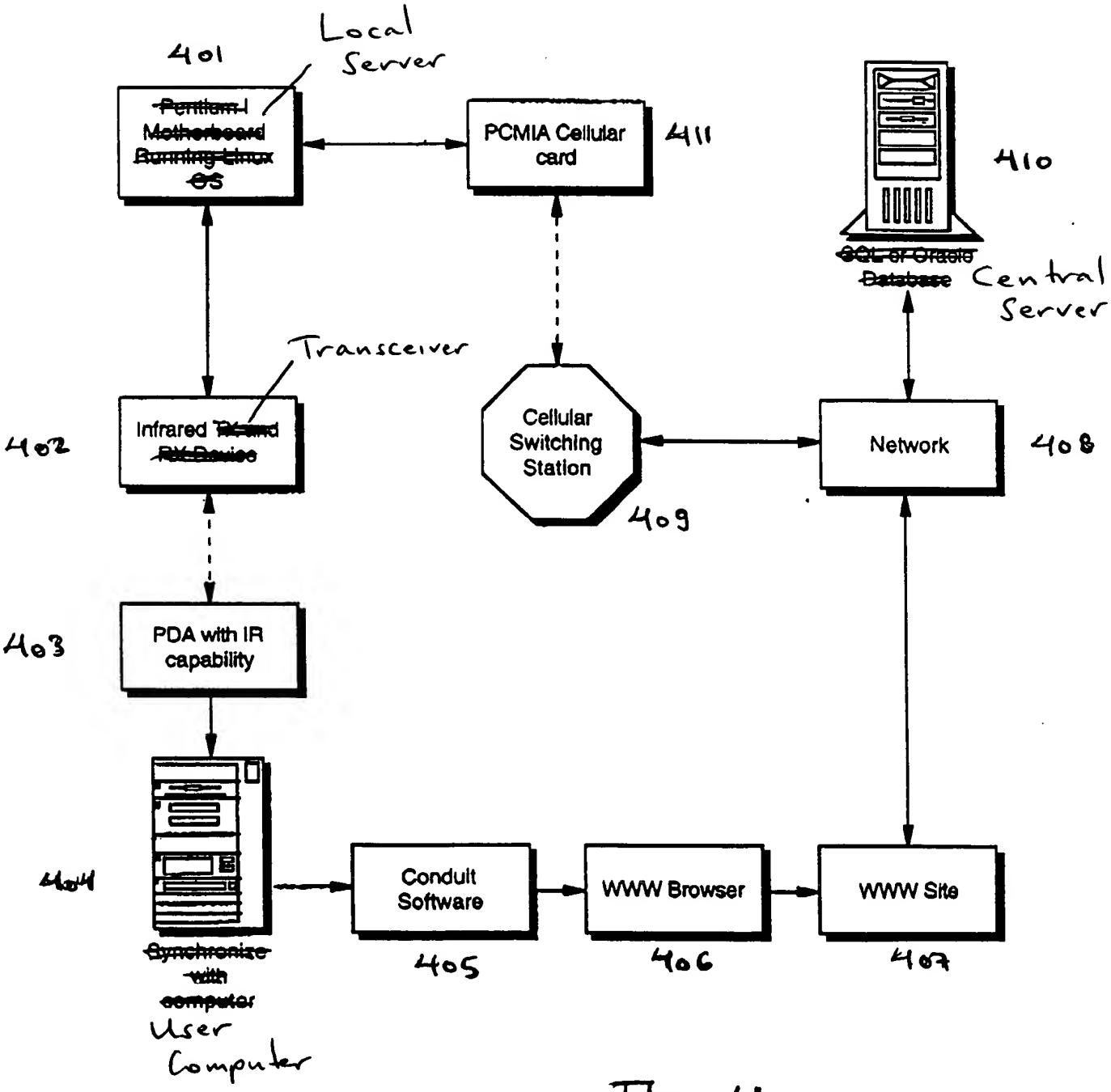

401
Local Server
~~Pentium I~~ ~~Motherboard~~ ~~Running Linux~~ ~~OS~~
PCMIA Cellular card
411
410
~~SQL of Oracle~~ ~~Database~~
Central Server
Transceiver
402
Infrared ~~TX and RX Device~~
Cellular Switching Station
409
Network
408
403
PDA with IR capability
404
~~Synchronize with computer~~
User Computer
Conduit Software
405
WWW Browser
406
WWW Site
407

FIG. 4

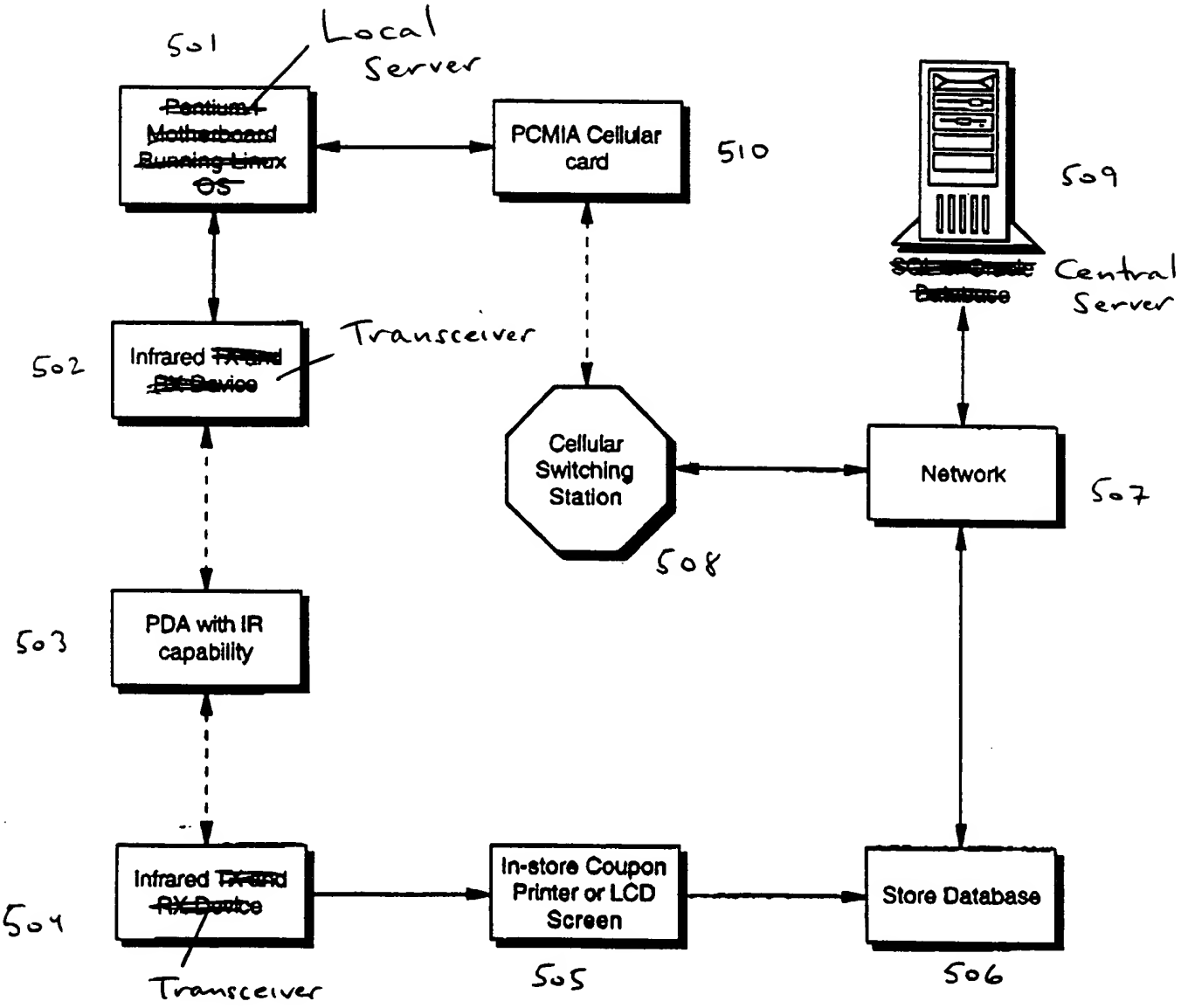

501
Local Server
~~Pentium~~ ~~Motherboard~~ ~~Running Linux~~ ~~OS~~
PCMIA Cellular card
510
509
~~SQL~~ ~~Oracle~~ ~~Database~~
Central Server
502
Infrared ~~TX/RX~~ ~~PC Device~~
Transceiver
Cellular Switching Station
508
Network
507
503
PDA with IR capability
504
Infrared ~~TX/RX~~ ~~RX Device~~
Transceiver
In-store Coupon Printer or LCD Screen
505
Store Database
506

FIG. 5

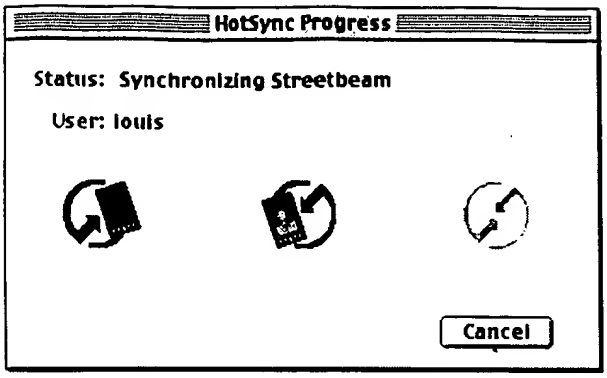
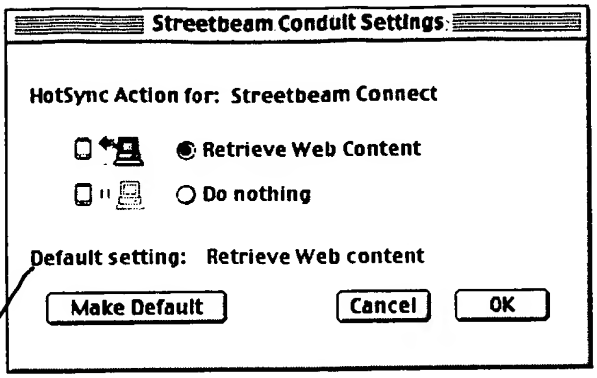


Fig. 6



710

FIG. 7

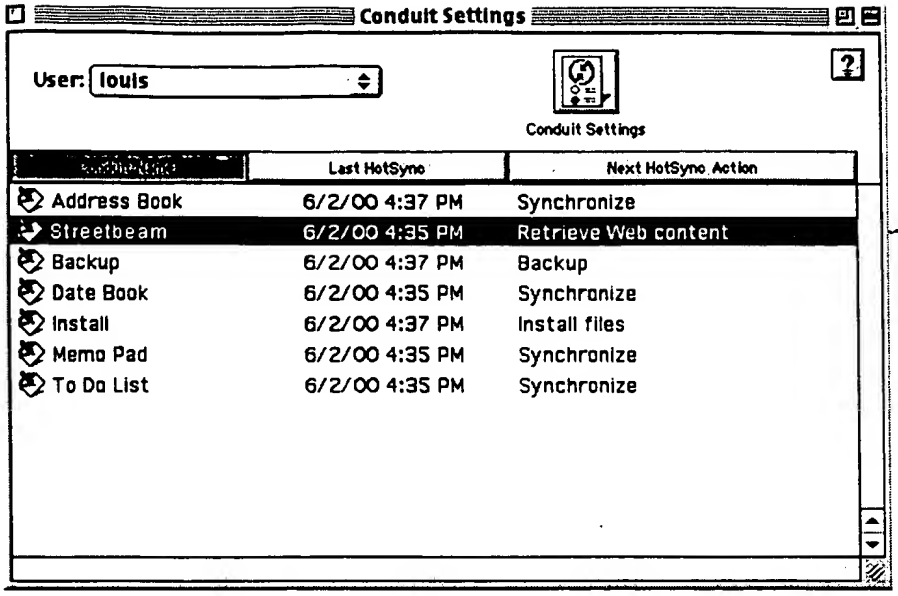

Conduit Settings
User: louis
Conduit Settings
Last HotSync
Next HotSync Action
Address Book 6/2/00 4:37 PM Synchronize
Streetbeam 6/2/00 4:35 PM Retrieve Web content
Backup 6/2/00 4:37 PM Backup
Date Book 6/2/00 4:35 PM Synchronize
Install 6/2/00 4:37 PM Install files
Memo Pad 6/2/00 4:35 PM Synchronize
To Do List 6/2/00 4:35 PM Synchronize
810

FIG. 8

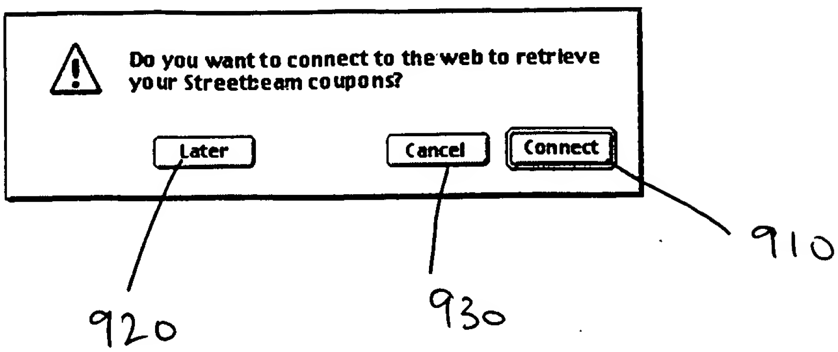

Do you want to connect to the web to retrieve your Streetbeam coupons?
Later
Cancel
Connect
910
920
930

FIG. 9

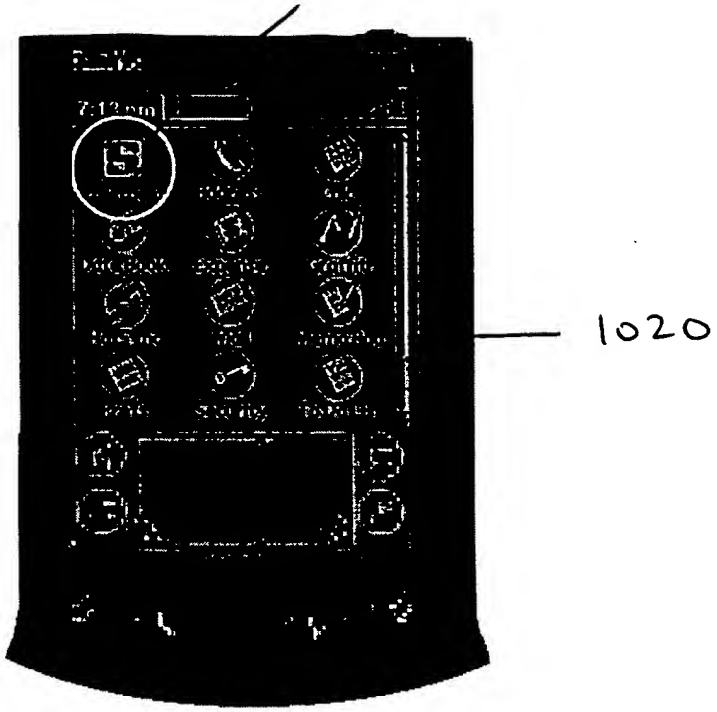


FIG. 10

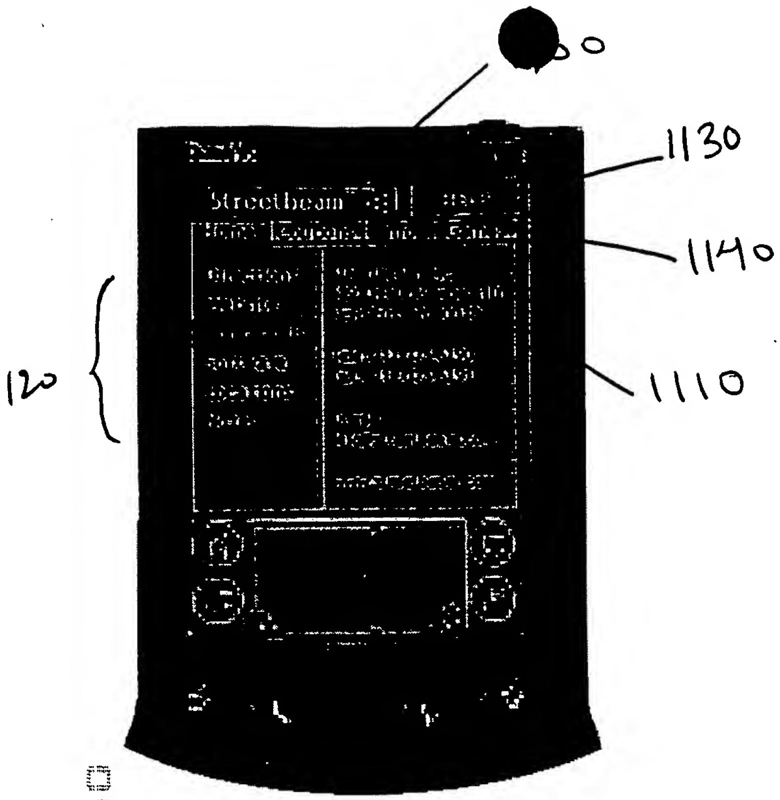


Fig. 11

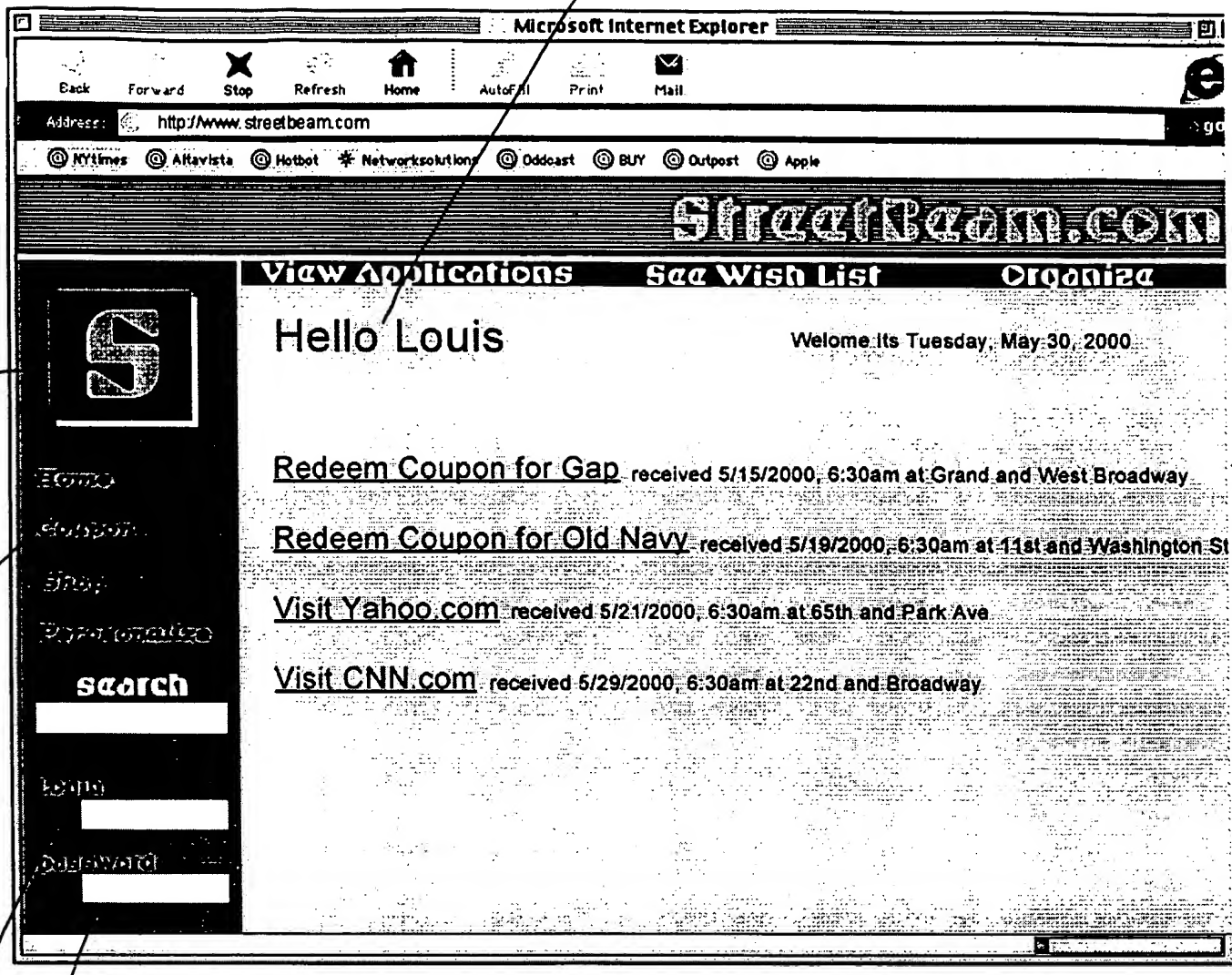

1230
Microsoft Internet Explorer
Back
Forward
Stop
Refresh
Home
AutoFill
Print
Mail
Address: http://www.streetbeam.com
1240
MYtimes
Altavista
Hotbot
Networksolutions
Oddcast
BUY
Outpost
Apple
StreetBeam.com
View Applications
See Wish List
Organize
1200
Hello Louis
Welcome Its Tuesday, May 30, 2000
Redeem Coupon for Gap received 5/15/2000, 6:30am at Grand and West Broadway
Redeem Coupon for Old Navy received 5/19/2000, 6:30am at 11st and Washington St
Visit Yahoo.com received 5/21/2000, 6:30am at 65th and Park Ave
Visit CNN.com received 5/29/2000, 6:30am at 22nd and Broadway
1220
search
1250
1260
1270

Fig. 12

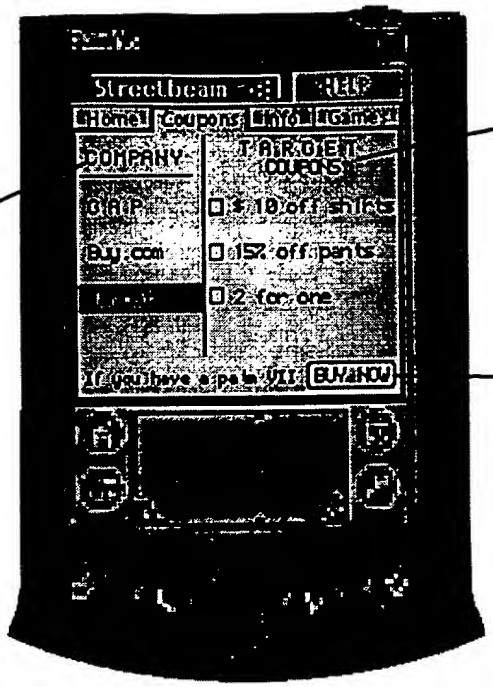

Streetbeam
Home
Coupons
COMPANY
TARGET COUPONS
$ 10 off shirts
15% off pants
2 for one
BUY4NOW
1330
320
1340

FIG. 13

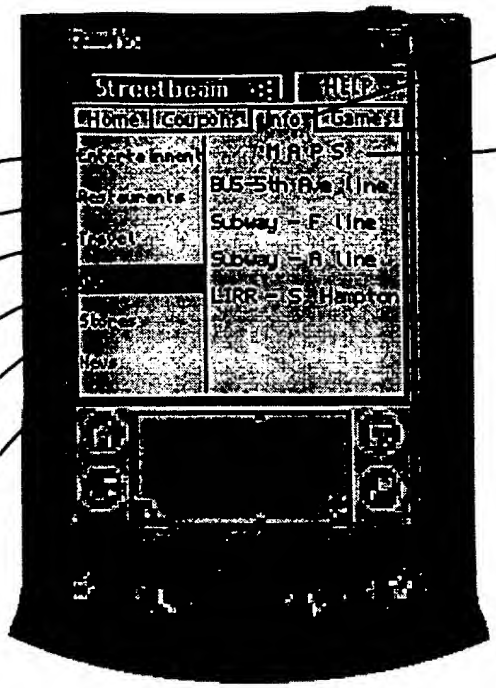

1400
1420
1430
1440
1450
1410
1460
1470
Streetbeam
HELP
Home!
Coupons!
Info
Games!
MAPS
BUS-5th Ave Line
Subway - E Line
Subway - A Line
LIRR - LI Hampton

FIG. 14

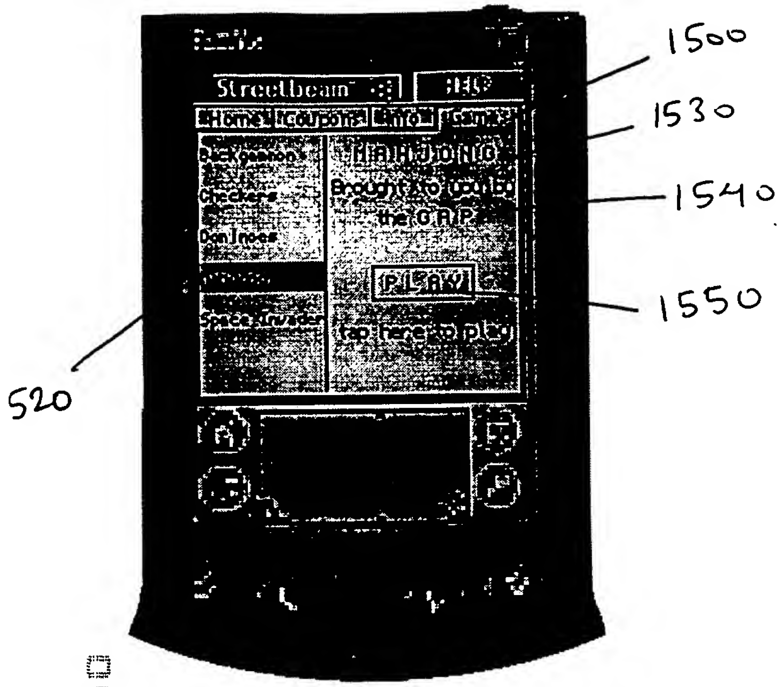

1500
1530
1540
1550
520
Streetbeam
Home
Coupons
Info
Backgammon
Checkers
Dominoes
Space Invader
PLAY
tap here to play

FIG. 15

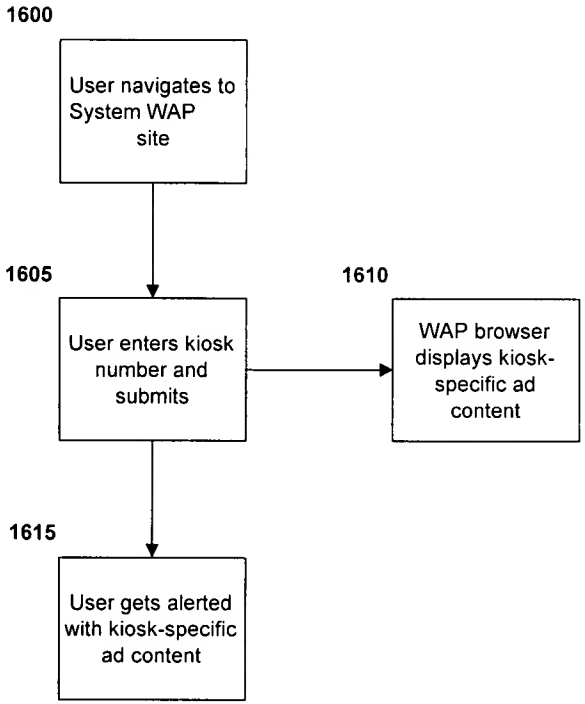

1600
User navigates to System WAP site
1605
User enters kiosk number and submits
1610
WAP browser displays kiosk-specific ad content
1615
User gets alerted with kiosk-specific ad content

FIGURE 16

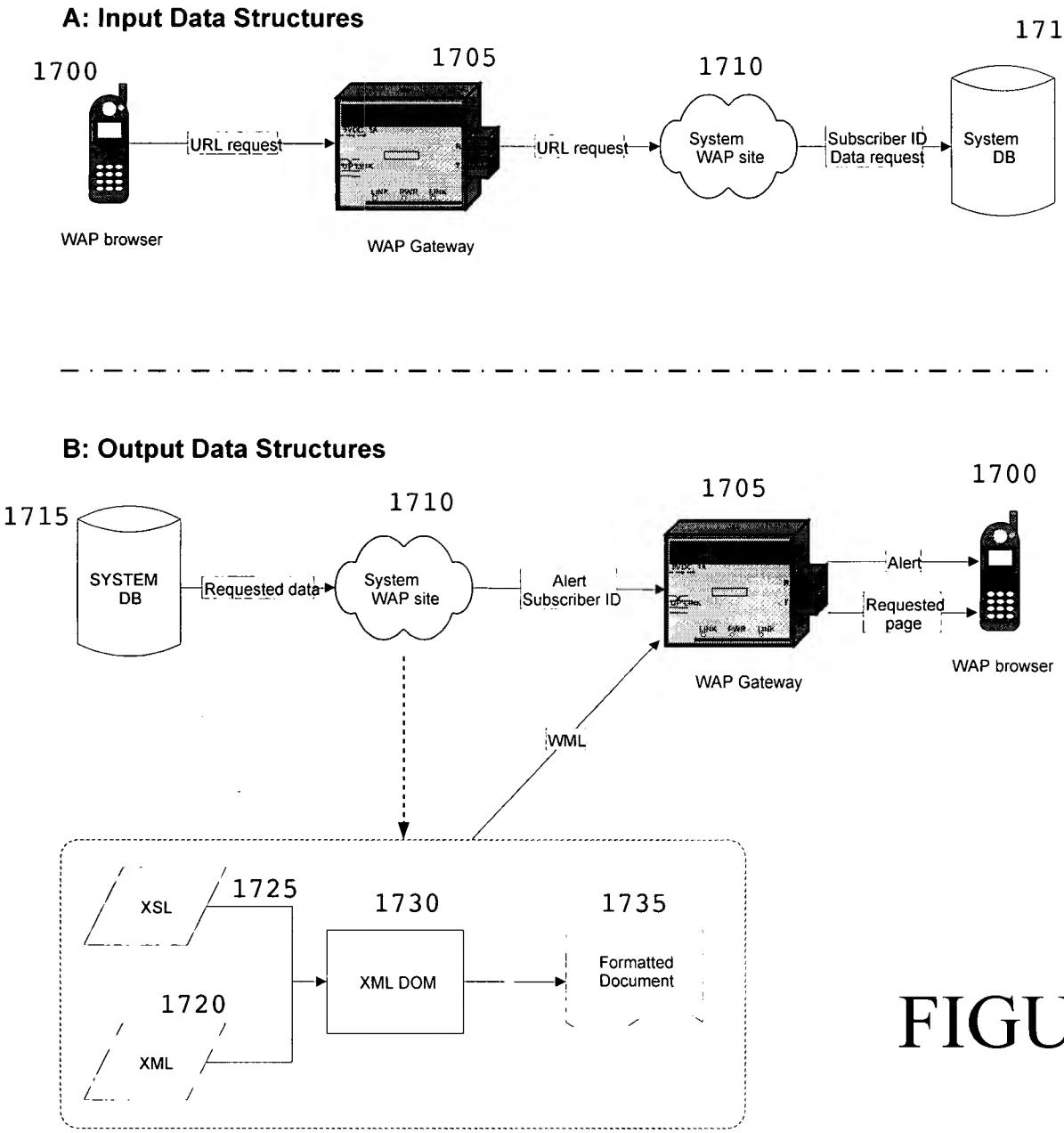

A: Input Data Structures
1700
1705
1710
1715
URL request
URL request
System WAP site
Subscriber ID Data request
System DB
WAP browser
WAP Gateway
B: Output Data Structures
1715
1710
1705
1700
SYSTEM DB
Requested data
System WAP site
Alert Subscriber ID
Alert
Requested page
WAP Gateway
WAP browser
WML
1725
1730
1735
XSL
XML DOM
Formatted Document
1720
XML

FIGURE 17

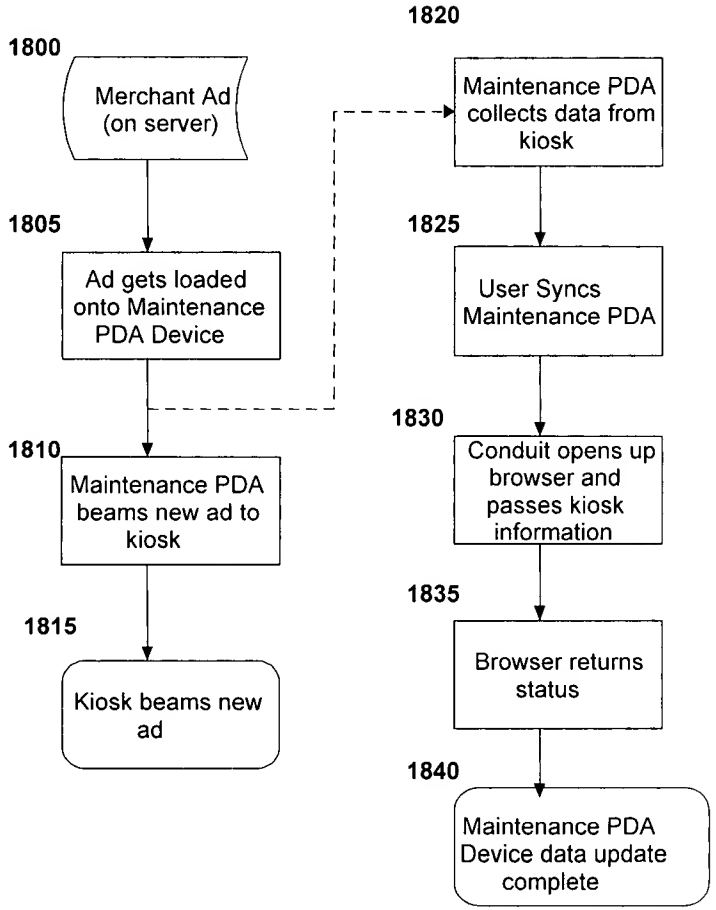

1800
Merchant Ad (on server)
1805
Ad gets loaded onto Maintenance PDA Device
1810
Maintenance PDA beams new ad to kiosk
1815
Kiosk beams new ad
1820
Maintenance PDA collects data from kiosk
1825
User Syncs Maintenance PDA
1830
Conduit opens up browser and passes kiosk information
1835
Browser returns status
1840
Maintenance PDA Device data update complete

FIGURE 18

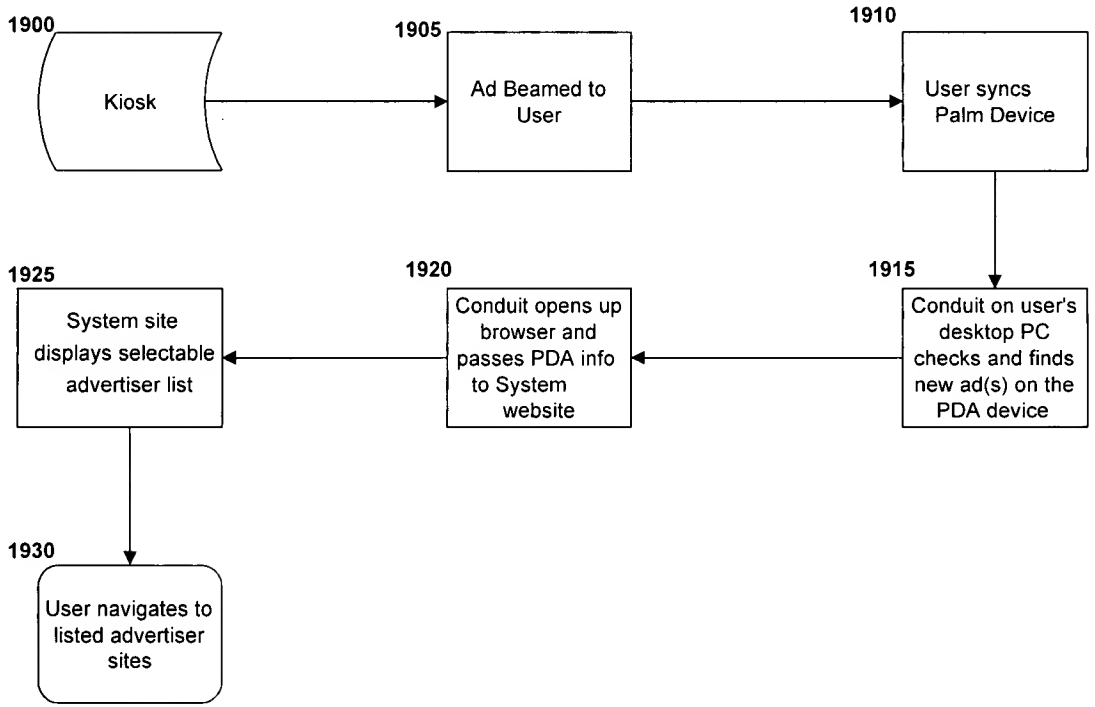

1900
Kiosk
1905
Ad Beamed to User
1910
User syncs Palm Device
1915
Conduit on user's desktop PC checks and finds new ad(s) on the PDA device
1920
Conduit opens up browser and passes PDA info to System website
1925
System site displays selectable advertiser list
1930
User navigates to listed advertiser sites

FIGURE 19

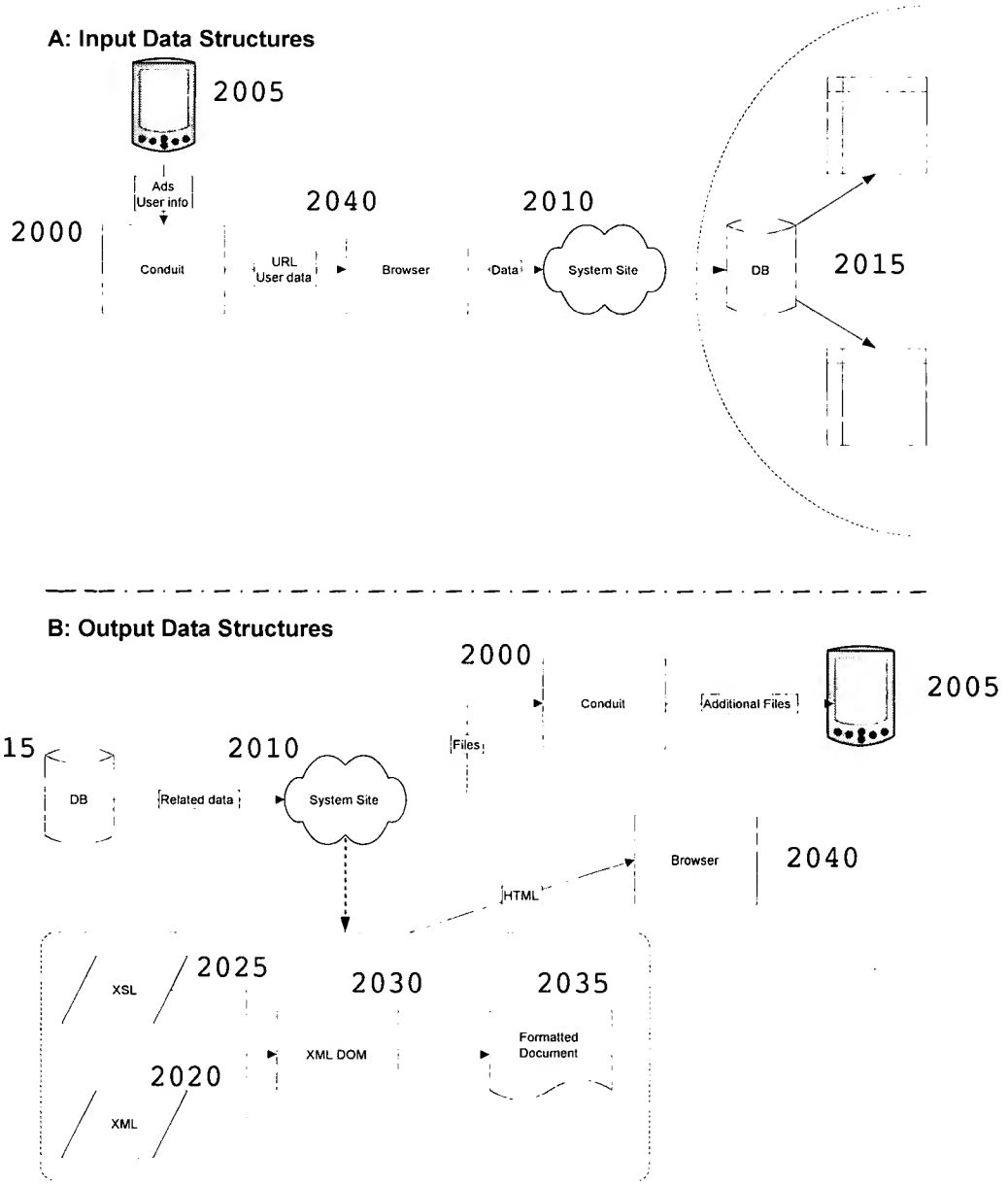

A: Input Data Structures
2005
Ads
User info
2000
Conduit
2040
URL
User data
Browser
2010
Data
System Site
DB
2015
B: Output Data Structures
2000
Conduit
Additional Files
2005
Files
2015
DB
2010
Related data
System Site
Browser
2040
HTML
XSL
2025
2030
2035
XML DOM
Formatted
Document
2020
XML

FIGURE 20

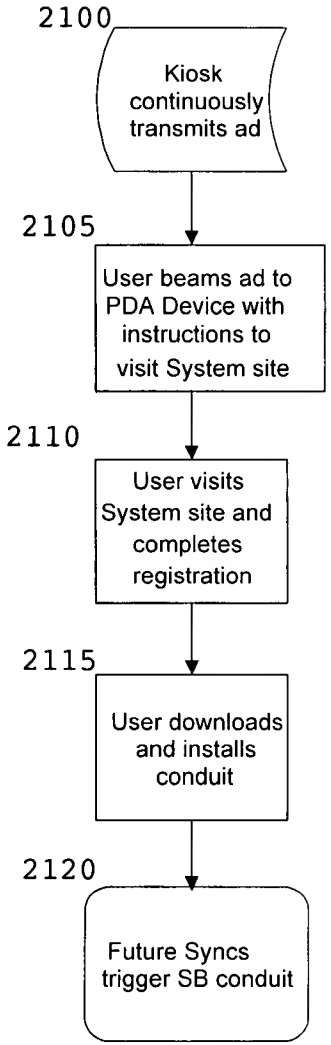
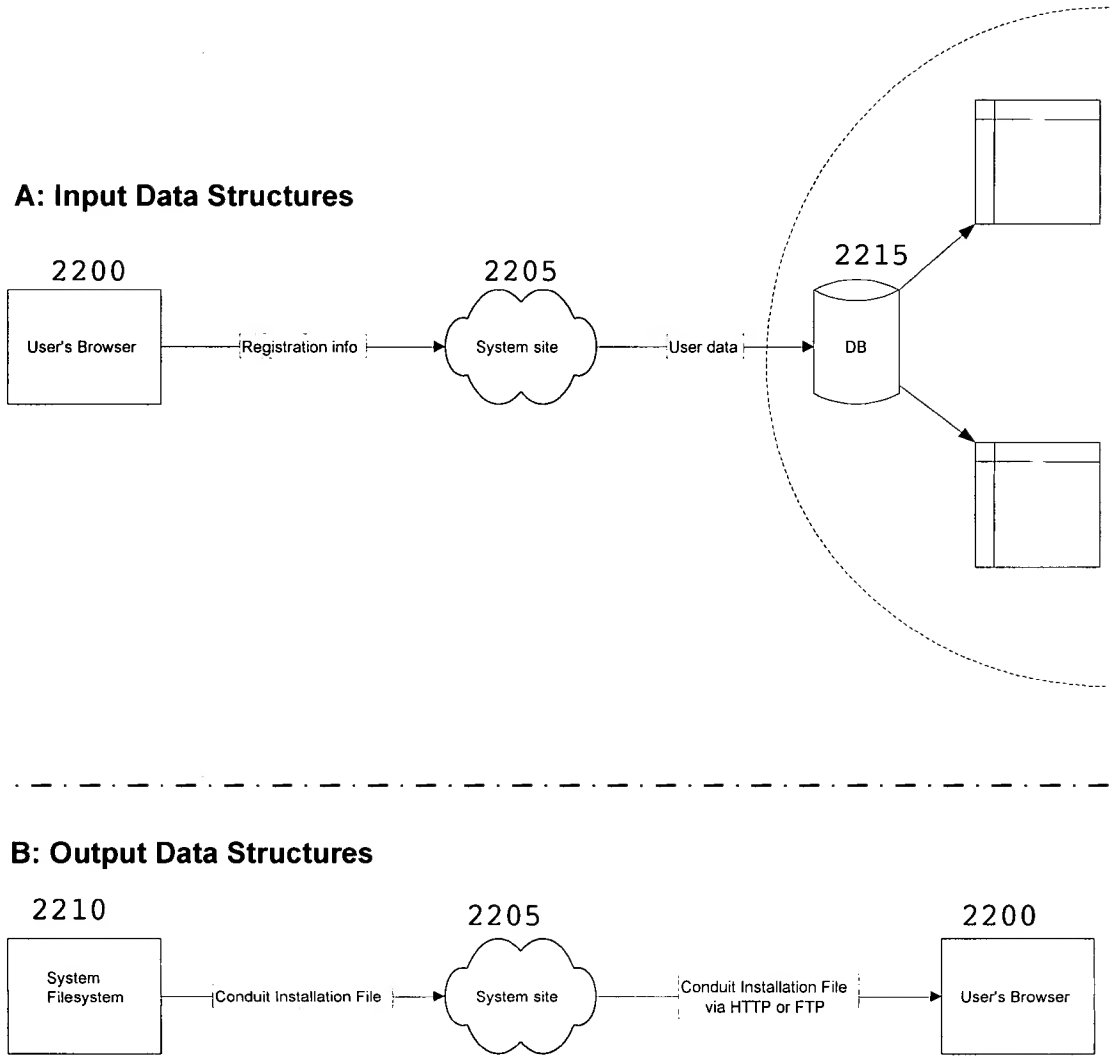

2100
Kiosk continuously transmits ad
2105
User beams ad to PDA Device with instructions to visit System site
2110
User visits System site and completes registration
2115
User downloads and installs conduit
2120
Future Syncs trigger SB conduit

FIGURE 21

FIGURE 22


A: Input Data Structures
2200
User's Browser
Registration info
2205
System site
User data
2215
DB
B: Output Data Structures
2210
System Filesystem
Conduit Installation File
2205
System site
Conduit Installation File via HTTP or FTP
2200
User's Browser